

10/051,073
Docket No. 2001P014480

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AMENDMENTS TO THE CLAIMS:

Please cancel claims 1-8 and 14-18 without prejudice or disclaimer:

1-8. (Canceled)

9. (Previously Presented) A portable telephone set comprising:

a first housing provided with a first terminal and a second terminal to be connected with a first external antenna and a second external antenna; and

a second housing electrically connected via a coaxial cable and mechanically connected with the first housing,

wherein the first housing comprises:

a switch connected via a capacitor with the coaxial cable, for selectively connecting one of the first terminal and the second terminal which provides higher receipt sensitivity on the basis of a switching signal; and

a DC power supply connected via an inductance to the coaxial cable,

wherein the second housing comprises:

a radio circuit connected via a capacitance with the coaxial cable, for processing a radio signal to be transmitted, supplying the processed radio signals to at least one of a first internal antenna and a second internal antenna and processing the received radio signal;

a control circuit connected via an inductance with the coaxial cable, for outputting the switching signal on the basis of the received signal level by the external antenna and an inductance connected between the coaxial cable and a circuit required to be supplied with the DC power supply,

wherein the radio signal is transmitted/received and the DC power is supplied via the coaxial cable.

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10. (Previously Presented) A portable telephone set comprising:

a first housing provided with a first terminal and a second terminal to be connected with a first external antenna and a second external antenna; and

a second housing electrically connected via a coaxial cable and mechanically connected with the first housing,

wherein the first housing comprises:

a switch connected via a capacitor with the coaxial cable, for selectively connecting one of the first terminal and the second terminal which provides higher receipt sensitivity on the basis of a switching signal;

a DC power supply connected via an inductance to the coaxial cable; and

a control circuit for outputting the switching signal on the basis of the received signal level by the external antenna,

wherein the second housing comprises:

a radio circuit connected via a capacitance with the coaxial cable, for processing a radio signal to be transmitted, supplying the processed radio signals to at least one of a first internal antenna and a second internal antenna and processing the received radio signal, and an inductance connected between the coaxial cable and a circuit required to be supplied with the DC power supply,

wherein the radio signal is transmitted/received and the DC power is supplied via the coaxial cable.

11. (Previously Presented) A portable telephone set comprising:

a first housing provided with a first terminal and a second terminal to be connected with a first external antenna and a second external antenna; and

a second housing electrically connected via a coaxial cable and mechanically connected with the first housing,

wherein the first housing comprises:

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a radio circuit connected with the coaxial cable for processing a radio signal to be transmitted and supplies the processed radio signals to at least one of a first internal antenna and a second internal antenna and processing the received radio signal;

a control circuit for outputting a switching signal on the basis of the received signal level by the external antenna; and

a DC power supply for supplying DC power to the radio circuit,
wherein the second housing comprises:

a switch connected with the coaxial cable, for selectively connecting said at least one of the first internal antenna and the second internal antenna which provides higher receipt sensitivity,

wherein the radio signal is transmitted/received via the coaxial cable.

12. (Previously Presented) A portable telephone set comprising:

a first housing provided with a first terminal and a second terminal to be connected with a first external antenna and a second external antenna; and

a second housing electrically connected via a coaxial cable and mechanically connected with the first housing,

wherein the first housing comprises:

a radio circuit connected via a capacitance with the coaxial cable for processing a radio signal to be transmitted and a radio signal received by the external antenna; and

a DC power supply connected via an inductance with the coaxial cable,

wherein the second housing comprises:

a switch connected via a capacitor, for selectively connecting at least one of a first internal antenna and a second internal antenna according to a switch signal; and

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a control circuit connected via an inductance with the coaxial cable, for outputting the switching signal on the basis of the received signal level via the coaxial cable,

wherein the radio signal is transmitted/received and the DC power is supplied via the coaxial cable.

13. (Previously Presented) The portable telephone set according to claim 12, wherein operations of internal antennas are stopped when the external antennas are connected to the first terminal and the second terminal.

14-18. (Canceled)

19. (Previously Presented) The portable telephone set according to claim 10, wherein operations of internal antennas are stopped when the external antennas are connected to the first terminal and the second terminal.

20. (Previously Presented) The portable telephone set according to claim 11, wherein operations of internal antennas are stopped when the external antennas are connected to the first terminal and the second terminal.

21. (Previously Presented) The portable telephone set according to claim 12, wherein operations of internal antennas are stopped when the external antennas are connected to the first terminal and the second terminal.

22. (Previously Presented) The portable telephone set according to claim 9, wherein said radio circuit demodulates the radio signal from the switch.